

Blockband Filters

Tunable Notch Filters

75 Ohm, Type F Connectors, AC/DC Passing, Cypher Compatible



Single Receiver Notch Filters

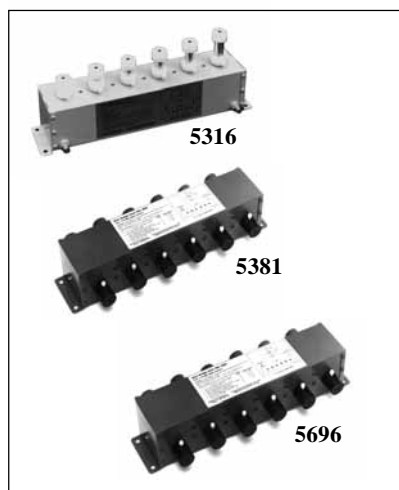
These notch filters tune the entire blockband to suppress TI while removing minimum signal bandwidth. They are intended for single receiver TVROs. They install in the LNB-receiver cable.

Model	Block (MHz)	Notch* Loss	3 dB Bandwidth*	Remarks
8976	900-1750	15 dB	3 MHz	Multi-Turn Tuning
8976-2	900-1750	25 dB	6 MHz	Multi-Turn Tuning
(*Approximately)		All Models AC/DC Passing		

TI is cleared by tuning the notch to mid-channel (blanks the picture). Then search slowly right and then left until TI drops to low level. Then fine tune for optimum condition. 8976-2 has two independent notches for double loss or two carriers (± 10 MHz).

TVRO PRODUCTS

Multiple Notch Filters



These filters are used for multiple receiver TVRO's and are placed before the splitter so that they clear TI for all subsequent receivers.

Model	Block (MHz)	Notch* Loss	3 dB Bandwidth*	Remarks
5316	900-1450	18 dB	3 MHz	6 Tunable
5381	400-950	18 dB	3 MHz	Lockable
5696	270-770	18 dB	3 MHz	Notches
(*Approximately)		All Models AC/DC Passing		

These multiple notch filters make it unnecessary to retune the filter after each channel change. The 6 independent tunable notches have locking provisions. Tune out up to 6 TI carriers at one time and lock the adjustments.

Tunable Preselectors



For noisy environments or weak signal conditions, preselection of the channel reduces the noise level. 30 MHz & 15 MHz bandwidths for full or half transponder channels in the 900-1750 MHz blockband, respectively.

Model	Selectivity*	Loss* (Max)	3 dB Bandwidth*
8398F-15	20 dB \pm 17 MHz	1.0 dB	15 MHz
8398F-30	20 dB \pm 34 MHz	0.5 dB	30 MHz
(*Approximately)		All Models AC/DC Passing	

The channel is tuned by adjusting the three cavities to the same channel. The 8398 requires a socket wrench (discourages curiosity "tweaking").